

<p>62577 C/36 A60E21 F06 G02 FARH 16.02.79          HOECHST AG          16.02.79-DT-905937 (28.08.80) C09b-29/38 C09b-39          *DT 2905-937          Methyl carbostryl azo phenyl acetamido pyrazolone cpds. - used as pigments and dyestuffs, in ink, paint, plastics etc. and used for printing textiles and paper</p>	<p>A(8-E3A2, 8-E4) E(21-C11, 21-C17) F(1-D, 3-F168, 3-G, 5-A6D) G(2-A3A, 2-A4B).          9 3</p>
<p>New 1-phenyl-3-acetamido-4-(4-methylcarbostryl-6- or -7-azo)-pyrazolone cpds. are of formula</p> <div data-bbox="812 157 1055 924"> <p style="text-align: center;">(I)</p> </div> <p>(where R<sup>1-3</sup> are H, Cl, Br, Me, MeO, EtO, lower carballoxy or NO<sub>2</sub> and ≥ 1 of these gps. is H).</p> <p><u>USE/ADVANTAGES</u>          (I) are used as pigments and for dyeing and printing high-mol. organic cpds. They are useful in printing inks, paints, rubbers, plastics and natural and synthetic resins, for</p>	<p><u>PREFERRED</u>          In (I), R<sup>1</sup> is H or Cl, R<sup>2</sup> is H, Cl or MeO and R<sup>3</sup> is H or Me; R<sup>1</sup> and R<sup>3</sup> are H and R<sup>2</sup> is H, Cl, Me or MeO, esp. Cl in the 6- or 7-position; or R<sup>1</sup> is Cl, R<sup>2</sup> is H, R<sup>3</sup> is Me and the azo gp. is in the 6-position.</p> <p><u>PREPARATION</u>          (I) are prepd. by diazotising 4-methyl-6- or -7-amino-carbostryl and coupling with 1-phenyl-3-acetamido-pyrazol-5-one.</p> <p><u>EXAMPLE</u>          20.9 g 4-methyl-6-amino-7-chloro-carbostryl were diazotised in acid aq. suspension and coupled with 22.8 g 1-phenyl-3-acetamido-pyrazol-5-one. (I) (in which R<sup>1</sup> and R<sup>3</sup> are H, R<sup>2</sup> is 7-Cl and the azo gp. is in the 6-position) was obtd. When incorporated in PVC, it gave yellow-orange shades with very good lightfastness and satisfactory migration fastness. (15pp016).          DT2905937</p>